

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	16653	429/12-46.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:04
L12	1988	11 and (gas diffusion layer or gdl) same (anode or cathode or electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:05
L13	848	12 and ((separator or bipolar or biplate) same (filler or graphite or carbon or fiber))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:07
L14	115	13 and (separator or bipolar or biplate) same (resistance or vibrati\$4 or ultrasonic or laser) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:09
L15	114	13 and (separator or bipolar or biplate) same (resistance or vibrati\$4 or ultrasonic or laser with weld\$4) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:17
L16	8	13 and (separator or bipolar or biplate) same ((resistance or vibrati\$4 or ultrasonic or laser) with weld\$4) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:19
L17	8	12 and (separator or bipolar or biplate) same ((resistance or vibrati\$4 or ultrasonic or laser) with weld\$4) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:22

L18	173	(separator or bipolar or biplate) same ((resistance or vibrati\$4 or ultrasonic or laser) with weld\$4) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:23
L19	34258	(separator or bipolar or biplate) same (plastic or polymer or thermoplastic or elastomer or polyolefin or polyamide or aromatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:33
L20	637	11 and (gas diffusion layer or gdl) same (anode or cathode or electrode) and ((separator or biplate or bipolar) with (plastic or polymer))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:34
L21	16	11 and (gas diffusion layer or gdl) same (anode or cathode or electrode) and ((separator or biplate or bipolar) with (plastic or polymer)) and maleic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 16:57
L22	31226	(maleic anhydride) with polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:17
L23	488	22 same (fluorin\$4) same (polyester)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:17
L24	7	23 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:18
L25	71	22 same (fluorin\$4) same (liquid with polymer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:19
L26	7	22 same (fluorin\$4) same (liquid with polymer) and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:19
L27	16	22 same (fluorin\$4) same (liquid with polymer) and cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:20
L28	37343	maleic anhydride with polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:29
L29	163	28 and liquid crystalline and fluorinated	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:30

L30	88	28 and liquid crystalline and fluorinated and (bipolar or biplate or separator or fuel cell or electrochemical or conductive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 18:31
L31	147	maleic anhydride modified polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:52
L32	11341	maleic anhydride near4 polymer	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:01
L33	40	32 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:01
L34	21	"4278510"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:10
L35	29244	pvdF	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:16
L36	1	pvdF and maleic anhydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:17
L37	1322	pvdF and maleic anhydride	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:17
L38	915	pvdF and maleic anhydride and polyester	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:17
L39	28	pvdF and maleic anhydride and polyester and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:17
L40	19	pvdF and maleic anhydride and polyester and conductive resin	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:21
L41	21	("3416992"   "3499881"   "3865699"   "3962157"   "4002595"   "4009093"   "4101385"   "B415122"). PN. OR ("4278510"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 19:28
L42	15	"5733678"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 20:06
L43	1	42 and maleic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 20:07
L44	138	(maleic adj5 modified near5 polymer) and conductive	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 20:09
L45	3	"7008991"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/24 20:12

S1	1	"5733678".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:41
S2	2	gb "2326017"	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 12:26
S3	13	("4673450"   "5049458"   "5232792"   "5252410"   "5300370"   "5534362"   "5733678"   "5736269"   "5795665"   "6007933"   "6280870"   "6348279"   "6379795").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 20:27
S4	968	(bond\$3 or weld\$3 or laminat\$5) with ((diffusion layer) or substrate or support) with (separator or bipolar plate or (flow adj2 field))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:27
S5	360	S4 and (h01m\$8)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:28
S6	83	S5 and (plate with polymer \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 11:29
S7	149313	((separator or bipolar or support) adj2 plate) or biplate	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:46
S8	5123	((separator or bipolar or support) adj2 plate) or biplate) with (polymer or thermoplastic or plastic or elastomers or polyamides or polyolefin)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:48
S9	691	S8 and h01m\$8	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:49
S10	16	S9 and (maleic near3 anhydride)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:54
S11	472	(separator or bipolar or support) and (polymer or thermoplastic or plastic) and ((maleic anhydride) or (Maleic acid anhydride) or (cis-Butenedioic Anhydride) or (2,5- Furanedione) or Lytron)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 15:21
S12	22	S11 and H01M\$8	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 14:57
S13	1	2002-746142.NRAN.	DERWENT	ADJ	ON	2007/08/29 15:20

S14	0	S3 and ((maleic anhydride) or (Maleic acid anhydride) or (cis-Butenedioic Anhydride) or (2,5-Furanedione) or Lytron)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 15:22
S15	0	S3 and ((maleic anhydride) or (Maleic acid anhydride) or (cis-Butenedioic Anhydride) or (2,5-Furanedione) or Lytron)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:23
S16	73	S4 and ((maleic anhydride) or (Maleic acid anhydride) or (cis-Butenedioic Anhydride) or (2,5-Furanedione) or Lytron)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:26
S17	82901	((maleic anhydride) or (Maleic acid anhydride) or (cis-Butenedioic Anhydride) or (2,5-Furanedione) or Lytron)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:27
S18	389	S17 and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:27
S19	571	S17 and ((fuel or electrochemical) adj3 cell)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:27
S20	523	S17 with (separator or bipolar or biplate or (flow adj2 field) or plate)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:28
S21	2	S19 and S20	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:29
S22	5343	429/34-39.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:29
S23	64	S22 and S17	US-PGPUB; USPAT	ADJ	ON	2007/08/29 18:47
S24	1	"7008991"	US-PGPUB; USPAT	ADJ	ON	2007/08/29 19:05
S25	191	land\$3 with (bipolar or biplate or separator) and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 19:06
S26	6	((polymer or plastic) with land\$3 with (bipolar or biplate or separator)) and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 19:08
S27	0	("2005/0233080").URPN.	USPAT	ADJ	ON	2007/08/29 19:08
S28	2380	((polymer or plastic) with (bipolar or biplate or separator)) and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 19:09

S29	2	ep "118929"	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 19:12
S30	2	"20020055030"	US-PGPUB; USPAT	ADJ	ON	2007/08/29 20:05
S31	483	((polymer or plastic) with landing)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 20:06
S32	9	((polymer or plastic) with landing) and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 20:07
S33	427	(landing) and fuel cell	US-PGPUB; USPAT	ADJ	ON	2007/08/29 20:08
S34	47	(landing) and fuel cell and "429".class.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 20:12
S35	18	(landing) and fuel cell	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 20:12
S36	1776	((diffusion adj3 layer) or GDL or (distribut\$3 adj3 layer) or (support) or substrate) with (biplate or (bipolar adj2 plate) or (flow adj3 field))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:04
S37	191	S36 same (bond\$3 or Weld\$3 or laminat\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 20:31
S38	154	S37 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:03
S39	279	((diffusion adj3 layer) or GDL or (distribut\$3 adj3 layer) or (support) or substrate) with (biplate or (bipolar adj2 plate) or (flow adj3 field))	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 21:04
S40	34	S39 and (weld\$3 or bond \$3 or laminat\$6)	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/29 21:24
S41	823	(polymer or plastic) with (((separator or bipolar) adj2 plate) or biplate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:51
S42	600	S41 and (fuel or electrochemical) cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:51
S43	600	S41 and ((fuel or electrochemical) cell)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:51
S44	175	S41 same (weld\$3 or bond \$3 or laminat\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:52
S45	126	S44 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 21:52
S46	1	"7008991".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/30 17:02

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